

1st QUARTER RESURVEY
REPORT OF SUBSIDENCE SURVEY
JACKPILE MINE
LAGUNA, NEW MEXICO

Confidential Claim Retracted

Authorized by: SC

Date: 6/20/13

PREPARED BY MARMON ENGINEERING SURVEYS

Laguna, New Mexico

April 1, 1976



9404479

CONFIDENTIAL

POL-EPA01-0006504

April 1st resurvey of subsidence stations, Jackpile Mine, Laguna, NM
 Survey performed March 28 - April 1st, 1976.

Station	Northing	Easting	Delta initial survey	
			N	E
1N	1001855.830	990225.745	+.022	+.025
2N	1001877.362	990128.158	-.021	-.055
3N	1001898.978	990030.597	-.017	-.021
4N	1001921.705	989933.285	-.016	-.046
5N	1001941.962	989835.628	+.013	-.025
6N	1001963.575	989738.023	+.008	+.006
7N	1001985.035	989640.816	-.013	-.001
8N	1002006.571	989543.210	-.003	-.005
9N	1002029.757	989446.046	-.015	+.066
10N	1002057.899	989350.333	-.005	-.000
11S	1001911.958	989317.553	+.029	-.009
12S	1001883.654	989413.313	+.002	-.000
13S	1001860.540	989510.563	+.023	-.006
14S	1001838.959	989608.146	-.005	-.010
15S	1001817.437	989705.580	-.025	-.001
16S	1001795.947	989803.039	+.042	-.024
17S	1001774.513	989900.562	+.050	-.034
18S	1001752.884	989998.147	-.031	-.036
19S	1001731.369	990095.593	+.022	-.061
20S	1001709.822	990193.207	+.005	-.016

Station	Northing	Easting	Delta initial survey	
			N	E
21E	1002413.879	988801.646	-.036	+.014
22E	1002488.090	988735.153	+.021	-.018
23E	1002567.993	988675.094	+.019	-.012
24E	1002651.972	988621.003	-.011	-.022
25E	1002739.826	988573.331	-.006	+.012
26E	1002831.036	988532.232	+.014	+.017
27E	1002925.992	988498.689	+.024	-.016
28W	1002820.788	988322.286	+.044	-.012
29W	1002727.701	988358.830	+.029	+.010
30W	1002637.296	988401.339	+.025	-.003
31W	1002549.649	988449.415	+.003	-.009
32W	1002465.376	988503.123	-.000	-.009
33W	1002384.672	988562.123	-.009	-.015
34W	1002307.984	988626.172	+.018	-.003

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LEVEL NET

Station	Elevation	Delta initial survey
1N	6281.596	-.015
2N	6288.533	-.017
3N	6293.574	-.023
4N	6303.752	-.027
5N	6315.654	-.025
6N	6313.801	-.016
7N	6325.256	-.018
8N	6333.108	-.009
9N	6346.801	-.006
10N	6356.407	-.012
11S	6364.238	-.006
12S	6355.783	-.007
13S	6349.484	-.003
14S	6349.060	-.006
15S	6329.379	-.003
16S	6319.276	-.003
17S	6317.523	+.001
18S	6311.187	-.001
19S	6303.917	-.007
20S	6297.425	-.011
21E	6374.522	-.030
22E	6374.390	-.021
23E	6370.070	-.027
24E	6372.254	-.024
25E	6375.038	-.026
26E	6375.330	-.014
27E	6362.628	-.040
28W	6382.054	-.002
29W	6389.711	+.004
30W	6396.274	+.001
31W	6390.168	+.002
32W	6396.570	+.006
33W	6397.536	+.005
34W	6395.115	+.001

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CERTIFICATION

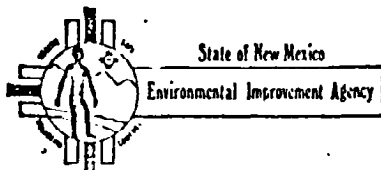
This is to certify that the data contained within this report was derived from actual field surveys made by me or under my supervision, and that the same is true and correct to the best of my knowledge and belief.

Fred D. Marmon

Fred D. Marmon, Registered
Land Surveyor, Certificate
No. 2031

April 1st, 1976

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State of New Mexico

Environmental Improvement Agency

BACTERIOLOGICAL WATER REPORT

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Town JACKPILE MINESITE Code 32W County VALENCIA
Date Collected 2-11-76 Collected By PAT FITCH
Location No. _____ Chlorinated YES ☐ NO ☐ Residual ☐
Owner of System THE ANACONDA CO pH _____
Collection Point JACKPILE NEW SHOP
PUBLIC ☐ SEMI-PUBLIC ☐ PRIVATE ☒ SWIMMING POOL ☐ W.P.C. ☐ SPECIAL ☐
Stream/Lake Name _____
Sewage/Industrial Plant Name _____
River Basins: RIO GRANDE ☒ PECOS ☐ SAN JUAN ☐ GILA ☐ CANADIAN ☐
LITTLE COLORADO ☐ OTHER _____
SANITARY SURVEY COMPLETED— YES ☐ NO ☐
CHECK TEST REQUIRED: POTABILITY: COLIFORM GROUP, MEMBRANE FILTER ☒
STANDARD PLATE COUNT ☐ FECAL COLIFORM ☐ FECAL STREPTOCOCCI ☐
Re-Sample No. _____ Other _____

SEND REPORT TO THE FOLLOWING (NAME & ADDRESS)

T.R. BECK, MANAGER
THE ANACONDA CO
P.O. BOX 638
GRANTS, N.M. 87020

RESULTS OF TESTS FOR COLIFORM GROUP

Volume	Presumption	Confirmed	Completed
	24 Hours	48 Hours	24 Hours
10 ml.			
10 ml.			
10 ml.			
10 ml.			
10 ml.			

CONFORMS ☐ DOES NOT CONFORM ☐
WITH DRINKING WATER STANDARDSColiform Colonies (MF) 0 /100 ML.

Standard Plate Count, 35°C _____ /ML.

Fecal Coliform (MF) _____ /100 ML.

Fecal Streptococci (MF) _____ /100 ML.

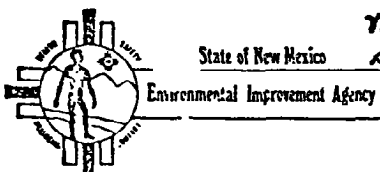
Other _____

Date Reported 2/12/76

1. Please give full information to avoid delay in report. 2. Type or print with pencil or ball point pen. 3. See back of first copy for important information.
4. No sample shall be accepted until a sanitary survey by a representative of the Environmental Improvement Agency has been made and such sampling authorized.

EIA 005 Form Issued 11/73 (Replaces LAB 005)

(over)



State of New Mexico

Environmental Improvement Agency

BACTERIOLOGICAL WATER REPORT

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Town JACKPILE MINESITE Code 32W County VALENCIA
Date Collected 2-2-76 Collected By PAT FITCH
Location No. _____ Chlorinated YES ☐ NO ☒ Residual ☐
Owner of System THE ANACONDA COMPANY pH _____
Collection Point JACKPILE NEW SHOP
PUBLIC ☐ SEMI-PUBLIC ☐ PRIVATE ☒ SWIMMING POOL ☐ W.P.C. ☐ SPECIAL ☐
Stream/Lake Name _____
Sewage/Industrial Plant Name _____
River Basins: RIO GRANDE ☒ PECOS ☐ SAN JUAN ☐ GILA ☐ CANADIAN ☐
LITTLE COLORADO ☐ OTHER _____
SANITARY SURVEY COMPLETED— YES ☐ NO ☐
CHECK TEST REQUIRED: POTABILITY: COLIFORM GROUP, MEMBRANE FILTER ☒
STANDARD PLATE COUNT ☐ FECAL COLIFORM ☐ FECAL STREPTOCOCCI ☐
Re-Sample No. _____ Other _____

SEND REPORT TO THE FOLLOWING (NAME & ADDRESS)

Mr. T. R. Beck, Manager
The Anaconda Company
P. O. Box 638
Grants, New Mexico 87020

RESULTS OF TESTS FOR COLIFORM GROUP

Volume	Presumption	Confirmed	Completed
	24 Hours	48 Hours	24 Hours
10 ml.			
10 ml.			
10 ml.			
10 ml.			
10 ml.			

CONFORMS ☐ DOES NOT CONFORM ☐
WITH DRINKING WATER STANDARDSColiform Colonies (MF) 0 /100 ML.

Standard Plate Count, 35°C _____ /ML.

Fecal Coliform (MF) _____ /100 ML.

Fecal Streptococci (MF) _____ /100 ML.

Other _____

Date Reported 2-9-76

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(over)

WATER ANALYSIS

-POL-EPA01-0006510-

WATER PUMPED

	<u>Gallons</u>
P-10 Well	2,400,000
New Shop Well	270,000
P-10 Mine	3,600,000

/sr/4-22-76